



Health Care

Education

Entrepreneurship

Public Safety

Environment



Jordan
Education

Partners

- Jordan Education Initiative
- Ministry of Education
- Ministry of ICT

2010 Statistics

- Life expectancy: 80 years
- Population: 6,508,271 (July 2011 est.)
- GDP per capita: USD 5,400
- Internet penetration: 26.8%
- Mobile penetration: 106.2%

Sources: CIA World Factbook (<https://www.cia.gov/library/publications/the-world-factbook/>); Mobile penetration data provided by Informa UK Limited and based on market intelligence. Internet penetration data based on user data provided by Paul Budde Communication Pty Ltd and population data from CIA World Factbook.

Personalized Learning via 3G in Jordanian Schools: Anytime, Anywhere Access to Educational Resources

To reach the entrance to the Balqees School, located in the district of Jabal Al-kalaa, Jordan, one must walk on uneven concrete up narrow corridors in between buildings perched on the side of a hill. Students at this school and others in Jordan lack access to much needed technology tools for learning. Qualcomm through its Wireless Reach™ initiative, in collaboration with the Jordan Education Initiative (JEI), is supporting a pilot project that gives students 3G connected mobile devices to learn in and out of the classroom. The project intends to demonstrate student success and engagement when given access to advanced mobile technology to gain valuable 21st century skills that will better prepare them for the future. Project results are being monitored and evaluated in order to shape a large-scale technology-integrated education model for public and private schools in Jordan and other countries.

Challenge

- Many students in remote areas of Jordan do not have mobile devices with 3G connectivity, limiting their access to educational resources 24/7.
- A number of schools require an introduction to a technology-integrated learning approach. There is a need to work with schools and the local community to educate them on the use of technology as a learning tool, as well as with teachers to encourage change from traditional teaching methods to a personalized learning approach.

Proposed Solution

- Since fall of 2011, more than 200 students in grades 7-10 and 35 teachers at Balqees and Um Abhara schools have been provided with 3G-enabled netbooks to conduct online research, complete multi-media presentations, and collaborate with their teachers and each other anytime, anywhere.
- JEI is providing professional development to teachers, students and parents on interactive personalized learning, netbook maintenance, computer software training, online educational resources, Internet safety, 21st century skills, and how to access the Ministry of Education's EDUWAVE portal with e-learning content.
- The new environment enables students to extend their learning beyond the classroom walls and is part of an international movement towards individualizing learning and increasing independence.



- A classroom management software program is installed on the netbooks allowing teachers to send and receive student assignments. Some of the teachers are creating their first email account and learning how to communicate with other teachers and students using the Internet for the first time.
- With the new tools, parents have become more actively involved in their child's academic progress.
- Schools are also receiving intensive technical support and maintenance from JEI.
- Results will be monitored and shared with the goal of advancing policy change surrounding new attitudes in planning and assessment methodologies for education using technology.

Partners

- **Jordan Education Initiative** manages the project and coordinates with government bodies to facilitate its implementation.
 - **Ministry of Education** provides resources and works closely with JEI and the participating schools.
 - **Ministry of Information Communications Technology** provides infrastructure support and coordination with operators and other government bodies.
 - **Qualcomm's Wireless Reach™ initiative** is the main funder and provides project management support.
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Students use their 3G devices to access educational resources and share ideas.

Qualcomm's Wireless Reach™ Initiative

Qualcomm believes access to 3G and next-generation mobile technologies can improve people's lives. Qualcomm's Wireless Reach initiative is a strategic program that brings wireless technology to underserved communities globally. By working with partners, Wireless Reach invests in projects that foster entrepreneurship, aid in public safety, enhance the delivery of health care, enrich teaching and learning and improve environmental sustainability. For more information, please visit www.qualcomm.com/wirelessreach.